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2814
PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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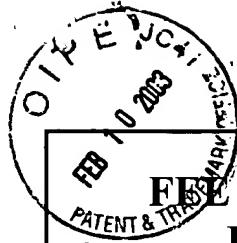
TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/659,484
		Filing Date	September 11, 2000
		First Named Inventor	Takeshi TAKAGI et al.
		Group Art Unit	2814
		Examiner Name	Wai Sing LOUIE
Total Number of Pages in This Submission		Attorney Docket Number	740819-374

ENCLOSURES (check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Corrected Information Disclosure Statement	
		FEB 12 2003 TECHNOLOGY CENTER 2814	
		RECEIVED	
		Remarks	
		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 19-2380 for the above identified docket number.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Donald R. Studebaker, Reg. No. 32,815 Nixon Peabody LLP 8180 Greensboro Drive Suite 800 McLean, VA 22102
Signature	
Date	February 4, 2003

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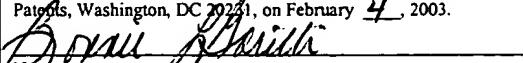
FEE TRANSMITTAL FOR FY 2003

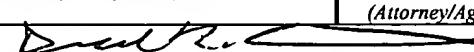
Patent fees are subject to annual revision.

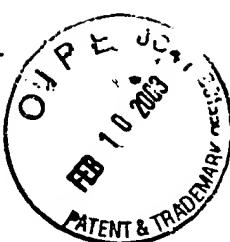
Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$)**110.00

Complete if Known	
Application Number	09/659,484
Filing Date	September 11, 2000
First Named Inventor	Takeshi TAKAGI et al.
Examiner Name	Wai Sing LOUIE
Art Unit	2814
Attorney Docket No.	740819-374

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)				
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None				3. ADDITIONAL FEES				
<input type="checkbox"/> Deposit Account:				Large Entity Small Entity				
Deposit Account Number 19-2380				Fee Code	Fee (\$)	Fee Code	Fee (\$)	
				1051	130	2051	65	Surcharge - late filing fee or oath
				1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
				1053	130	1053	130	Non-English specification
				1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination
				1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
				1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
				1251	110	2251	55	Extension for reply within first month
				1252	410	2252	205	Extension for reply within second month
				1253	930	2253	465	Extension for reply within third month
				1254	1,450	2254	725	Extension for reply within fourth month
				1255	1,970	2255	985	Extension for reply within fifth month
				1401	320	2401	160	Notice of Appeal
				1402	320	2402	160	Filing a brief in support of an appeal
				1403	280	2403	140	Request for oral hearing
				1451	1,510	1451	1,510	Petition to institute a public use proceeding
				1452	110	2452	55	Petition to revive - unavoidable
				1453	1,300	2453	650	Petition to revive - unintentional
				1501	1,300	2501	650	Utility issue fee (or reissue)
				1502	470	2502	235	Design issue fee
				1503	630	2503	315	Plant issue fee
				1460	130	1460	130	Petitions to the Commissioner
				1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
				1806	180	1806	180	Submission of Information Disclosure Statement
				8021	40	8021	40	Recording each patent assignment per property (times number of properties)
				1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))
				1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))
				1801	750	2801	375	Request for Continued Examination (RCE)
				1802	900	1802	900	Request for expedited examination of a design application
				Other fee (specify) _____				
				*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$) 110.00		
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SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Donald R. Studebaker	Registration No. (Attorney/Agent)	32,815	Telephone	703-770-9300
Signature				Date	February 4, 2003



Docket No. 740819-374
Serial No. 09/659,484
Group Art: 2814

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Takeshi TAKAGI et al.

Serial No. 09/659,484

Filed: September 11, 2000

For: BIPOLAR TRANSISTOR AND
SEMICONDUCTOR DEVICE

)

) Group Art Unit: 2814

) Examiner: LOUIE, Wai Sing

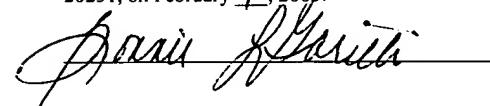
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) Date: February 4, 2003

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Washington, D.C. 20231

Sir:

In response to the Office Action mailed October 8, 2002, please consider the following amendments and remarks in connection with the above-identified application.

IN THE CLAIMS:

Please cancel claim 9 without prejudice or disclaimer to the subject matter disclosed therein..

Please amend claim 1 as follows:

1. (Amended) A bipolar transistor comprising an emitter layer containing an impurity of a first conductivity type, a base layer containing an impurity of a first conductivity type, a base layer containing an impurity of a second conductivity type, and a collector layer